

DECLARATION and POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ASPARTATE KINASE

the specification of which is attached hereto unless the following box is checked:

☒ was filed on **19 December 2000** as U.S. Application No. _____ or PCT International Application No. **PCT/US00/34396** and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Application No.	Country	Filing Date	Priority Claimed (Yes/No)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States Provisional Application(s) listed below.

U.S. Provisional Application No.**U.S. Filing Date**

60/172,944

21 December 1999

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International Application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT International Application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is known to me to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application No.	Filing Date	Status (patented, pending or abandoned)
PCT/US00/34396	19 December 2000	Pending

POWER OF ATTORNEY: I hereby appoint the following attorney(s) and/or agent(s) the power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Name: THOMAS M. RIZZO	Registration No.: 41,272
*Send correspondence and direct telephone calls to: THOMAS M. RIZZO	E. I. du Pont de Nemours and Company Legal - Patents Wilmington, DE 19898, U.S.A. Tel. No. (302) 892-7760 Fax No. (302) 892-1026

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

INVENTOR(S)

Full Name of Inventor	Last Name FALCO	First Name SAVERIO	Middle Name CARL
	Signature (please sign full name): <i>[Signature]</i>		Date: 1/24/01
Residence & Citizenship	City ARDEN	State or Foreign Country DELAWARE	Country of Citizenship U.S.A.
Post Office Address	Post Office Address 1902 MILLER ROAD	City ARDEN	State or Country DELAWARE Zip Code 19810
Full Name of Inventor	Last Name FAMODU	First Name OMOLAYO	Middle Name O.
	Signature (please sign full name): <i>[Signature]</i>		Date: 1/31/01
Residence & Citizenship	City NEWARK	State or Foreign Country DELAWARE	Country of Citizenship U.S.A.
Post Office Address	Post Office Address 216 BARRETT RUN PLACE	City NEWARK	State or Country DELAWARE Zip Code 19702
Full Name of Inventor	Last Name THORPE	First Name CATHERINE	Middle Name J.
	Signature (please sign full name): <i>[Signature]</i>		Date: February 12th 2001
Residence & Citizenship	City ST. ALBANS, HERTFORDSHIRE	State or Foreign Country UNITED KINGDOM	Country of Citizenship UNITED KINGDOM
Post Office Address	Post Office Address 49 BEECH ROAD	City ST. ALBANS, HERTFORDSHIRE	State or Country UNITED KINGDOM Zip Code AL3 5AP

☐ Additional Inventors are being named on separately numbered sheets attached hereto.

GENERAL POWER OF ATTORNEY
(Concerning Several International Patent Applications)

The undersigned, Vernon R. Rice, Vice President and Assistant General Counsel of E. I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, Delaware 19898 USA ("DuPont"), hereby confirms that the power to sign for DuPont has been granted to various individuals (as set forth in the attached excerpt from DuPont's Patent Board Rules of Procedure (January 1988), Appendix Section III.A.4), including the Chairman, Vice-Chairman, and those individuals who are Assistant Secretaries of the Patent Board. Currently these Assistant Secretaries are:

Roger A. Bowman
Linda J. Davis
John E. Griffiths

Barbara J. Massie
Miriam D. Meconnahey
Deborah A. Meginniss

In addition, the authority to act on behalf of DuPont before the competent International Authorities in connection with any and all international patent applications filed by it with the United States as Receiving Office and to make or receive payments on its behalf is hereby granted to:

Beardell, Lori Y.	34,293	Kuller, Mark D.	31,925
Belopolsky, Inna	43,319	Krukiel, Charles E.	27,344
Benjamin, Steven C.	36,087	Jarnholm, Arne R.	30,396
Birch, Linda D.	38,719	Langworthy, John A.	32,255
Bowen, Jr., Alanson G.	24,027	Lerman, Bart E.	31,897
Christenbury, Lynne M.	30,971	Levitt, Cary A.	31,848
Cotreau, William J.	36,490	Li, Kening	44,872
Deitch, Gerald E.	30,457	Magee, Thomas H.	27,355
Deshmukh, Sudhir	33,677	Mayer, Nancy S.	29,190
Dobson, Kevin S.	40,296	Medwick, George M.	27,456
Duffy, Roseanne R.	33,869	Morrissey, Bruce W.	30,663
Edwards, Mark A.	39,542	Reynolds, Stephen E.	37,580
Estrin, Barry	26,452	Rizzo, Thomas M.	41,272
Evans, Craig H.	31,825	Santopietro, Lois A.	36,264
Fair, Tamera L.	35,867	Schaeffer, Andrew L.	33,605
Feltham, S. Neil	36,506	Sebree, Chyrrea J.	45,348
Floyd, Linda Axiemethy	33,692	Shafer, Robert J.	24,437
Frank, George A.	27,636	Shay, Lucas K.	34,724
Golian, Andrew G.	25,293	Shipley, James E.	32,003
Gorman, Thomas W.	31,959	Siegeil, Barbara C.	30,684
Gould, David J.	25,338	Sinnott, Jessica M.	34,015
Griffiths, John E.	32,647	Steinberg, Michael A.	43,160
Hamby, Jane O.	32,872	Steinberg, Thomas W.	37,013
Hamby, William H.	31,521	Stevenson, Robert B.	26,039
Heiser, David E.	31,366	Strickland, Frederick D.	39,041
Hendrickson, John S.	30,847	Tessari, Joseph A.	32,177
Joung, J. Kenneth	41,881	Tulloch, Rebecca W.	36,297
Katz, Elliott A.	26,396	Walker, P. Michael	32,602
Kelly, Patricia L.	39,247	Wang, Chen	38,650
King, Karen K.	34,850		

The undersigned ratifies fully all actions already taken by the above-named individuals in accordance with the authority granted hereby.

E. I. DU PONT DE NEMOURS AND COMPANY

By: _____

Vernon R. Rice

Vice President and Assistant General Counsel

Date: _____

9-13-00

09/890813

JC05 Rec'd PCT/PTO 02 AUG 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

E. I. DUPONT DE NEMOURS AND COMPANY

CASE NO.: BB1430

INTERNATIONAL

APPLICATION NO.: PCT/US00/34396

GROUP ART UNIT: UNKNOWN

INTERNATIONAL FILING DATE: 19 DEC 2000

FILED: CONCURRENTLY HERewith

EXAMINER: UNKNOWN

FOR: ASPARTATE KINASE

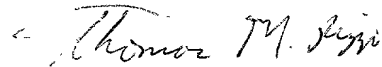
Assistant Commissioner for Patents
Washington, DC 20231

Sir:

DECLARATION IN ACCORDANCE WITH 37 CFR 1.821

I hereby state that the content of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 CFR 1.821(c) and (e), respectively are the same.

Respectfully submitted,



THOMAS M. RIZZO
ATTORNEY FOR APPLICANTS
REGISTRATION NO. 41,272
TELEPHONE: 302-892-7760
FACSIMILE: 302-892-1026

Dated: July 30, 2001